

In the Claims

Claims 1 – 12 (Cancelled)

13. (Currently Amended) A polyethercarbonate diol comprising a reaction product of a carbonate compound with a polyether diol having

(1) structural units (a) represented by formula (I) and ~~at least one type of structural units (b) and (c) of the formulae:~~

(2) structural units (b) represented by formula (II) or structural units (c) represented by formula (III) or

(3) structural units (b) represented by formula (II) and structural units (c) represented by formula (III),

units (a): $-(\text{CH}_2)_6-\text{O}-$ (I)

units (b): $-(\text{CH}_2)_2-\text{O}-$ (II)

units (c): $-\text{CH}_2\text{CH}(\text{CH}_3)-\text{O}-$ (III)

the units (b) being present in an average number (n) of moles of 0 to 5 per mole of the units (a), the units (c) being present in an average number (m) of moles of 0 to 5 per mole of the units (a), and the total average number (n + m) of moles of the units (b) and (c) being more than 1 but not more than 5, per mole of the units (a).

14. (Previously Presented) The polyethercarbonate diol as claimed in claim 13, wherein the polyether diol is selected from addition-reaction products of 1,6-hexanediol with at least one member selected from the group consisting of ethylene oxide and propylene oxide.

15. (Previously Presented) The polyethercarbonate diol as claimed in claim 13 or 14, wherein the polyether diol has a number average molecular weight of from 150 to 450.

16. (Previously Presented) The polyethercarbonate diol as claimed in claim 13 or 14, having a number average molecular weight of 500 to 5,000.

17. (Previously Presented) The polyethercarbonate diol as claimed in claim 13, selected from reaction products of carbonate compounds with polyether diols comprising the structural units (a) and (b), wherein the average number (n) of moles of the units (b) is more than 1 but not more than 5 per mole of the units (a).

18. (Previously Presented) The polyethercarbonate diol as claimed in Claim 17, wherein the polyether diol has a number average molecular weight of from 150 to 450.

19. (Previously Presented) The polyethercarbonate diol as claimed in claim 17 or 18, having a number average molecular weight of 500 to 5,000.

20. (Previously Presented) The polyethercarbonate diol as claimed in claim 15, having a number average molecular weight of 500 to 5,000.